

ABSTRACT

A communication hub that controls access to a communication network over a communication path based on silence suppression. The communication hub comprises a silence suppression block, a call admission block, and a control system. The silence suppression block is configured to compute a silence suppression gain for an incoming call based on a silence suppression realized for the incoming call and a number of currently active calls. The call admission block is configured to control access to a communication network over a communication path based on the silence suppression gain for the incoming call. The control system is configured to determine a call type of the incoming call and control the silence suppression block and the call admission block.